

COMBO WATER METER



IP67 Handheld ODO/pH/EC/TDS/SALT/Temp. Meter 86032

- Optical dissolved oxygen (ODO) probe provides fast & accurate result, even in low oxygen ranges, and is unaffected by acid gases
- ODO probe requires no polarization time and minimal maintenance, making it highly efficient and reliable
- Big LCD with multiple parameters simultaneously:
Dissolved oxygen, PH, Conductivity or TDS or Salinity & Temp.
- Individually replaceable probes minimize overall costs
- Impact-resistant caps on all probes to enhance durability
- Manually altitude/salinity compensation for D.O. reading
- Multiple points calibration. ODO:2, EC/TDS/SALT: 3, pH:3



Auto Power Off



Auto Temp. Compensation



Memory Recall



Manual Logging



Metric/Imperial



Low Battery



IP67



Ordering Code

- VZ86032AZ0, 86032 meter only
- VZ86032AZ1, 86032 meter +ODO probe
- VZ86032AZ2, 86032 meter +pH+EC probe
- VZ86032AZ3, 86032 meter +pH+EC+ODO probe
- VZ86023PAZ, 3M long ODO probe
- VZ86023PAZ1, 3M extension cable for ODO probe
- VZ863PAZ, 3M long low ion pH probe
- VZ833PAZ, 3M long EC probe

Model	86032
pH range/resolution	2.00~12.00/resolution :0.01
pH accuracy	+/-0.1
Cond. range	0~199.9, 0~1999uS/cm, 0~19.99, 0~150.0mS/cm
Cond. accuracy	+/-1% F.S +/- 1 digit
Cond. resolution	0.1uS/cm, 1uS/cm, 0.01mS/cm, 0.1mS/cm
TDS. Range (f is TDS factor)	0~199.9*f, 0~1999*f ppm, 0~19.99*f, 0~150.0*f ppt
TDS. Accuracy/res.	+/-1% F.S +/- 1 digit; res.:0.1, 1ppm;0.01, 0.1ppt
TDS Factor	0.30~1.00
Salinity range	0~10.00ppt; 10.0~42.0ppt (SEA WATER)
Salinity accuracy/res.	+/-1% F.S +/- 1 digit; res.: 0.01 ppt, 0.1 ppt
D.O. range	0.0~199.9% (0.0~20.0mg/L)
D.O. Accuracy/res.	+/-3% of F.S. ; res.: 0.1
Temp. range	-5~60.0°C (For DO probe, up to 50.0°C only)
Temp. Accuracy/res.	+/-0.5°C ; 0.1
Compatible probe	pH probe, EC probe and OD.O probe Could be used on one same meter at the same time
LCD size(mm)	32.5(H)x54(W)
Operating temp. & RH%	0~50°C, Humidity <80%
Storage temp. & RH%	0~60°C, Humidity < 90%
Dimension(mm)	169(L)x78.3(W)x43.4(H)
Weight	200g
Battery	4PCS AAA Batteries
Response time	<30 seconds for D.O., <90 seconds for others.
Sensor life time (with good maintenance)	>1 year for D.O. & EC, > 6 months for pH
Standard Package	Meter/Manual/Carry case/Battery
Standard Probe	3M long PH probe w/ 4, 7, 10 buffer 3M Cond. Probe w/ 1413uS buffer 3M long ODO Probe Cable organizer clips

Optional accessory

3M long ODO probe extension cable w/dual end IP67 connector (Total cable length can be extended to 6 meters long)



ติดต่อ บริษัท นีโอนิคส์ จำกัด

333/81 ถนนเลียบวารี แขวงโคกแฝด เขตหนองจอก กรุงเทพมหานคร 10530

Tel: 098-479-5684 หรือ 061-8268939 E-mail: sale@neonics.co.th หรือ sale@tools.in.th

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In short, optical probes are modern, low-maintenance, and durable, while chemical probes are traditional, cost-effective, but require more upkeep.

	Optical D.O	Electrochemistry D.O
Low O ₂ consumption	🏆	
Not affected by acid gas	🏆	
No polarization time	🏆	
Low maintenance	🏆	
Response time		🏆

Optical dissolved oxygen (D.O.) probes are widely used across various industries:



**Wastewater Treatment
Power Generation**



**Aquaculture
Environmental Monitoring**



**Food and Beverage Industry
Pharmaceutical and Biotech**

Measuring water pH and conductivity is also essential for above industries. Furthermore, pH and conductivity is measured in more industries, particularly where water quality affects processes, safety, or product quality.



Chemical Manufacturing



Agriculture and Irrigation



Electronics and Semiconductor

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